| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---------------|------------------------------|---------------------|---------|------------------|
| S1 | 1 | "20050246302" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 18:15 |

| | S2 | 198 | (US-5390286-\$ or US-5263127-\$ or | USPAT | OR | OFF | 2006/07/19 14:51 |
|-----|-----------|---------------|---------------------------------------|--------|----|--------------|--------------------|
| | 92 | | US-5720009-\$ or US-4956791-\$ or | 001711 | | O i 1 | 2000/07/15 1 11.51 |
| | | } | US-5510975-\$ or US-5751914-\$ or | 1 | | | |
| | | | US-5276776-\$ or US-5809212-\$ or | - | | | |
| | | · | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | US-5862397-\$ or US-6253321-\$ or | | | | |
| | | | US-4849905-\$ or US-5023807-\$ or | • | | | |
| | | | US-5297239-\$ or US-5228116-\$ or | | · | | |
| | | 1 | US-5265193-\$ or US-5524257-\$ or | | | | |
| | | | US-5179633-\$ or US-5226110-\$ or | | : | | |
| | | | US-5465204-\$ or US-6012053-\$ or | | | | |
| | | | US-5893911-\$ or US-6848086-\$ or | | | | |
| | | | US-6854097-\$ or US-6854098-\$ or | | | | |
| | | - | US-6857117-\$ or US-6954910-\$).did. | | | | |
| | | | or (US-6990650-\$ or US-7024639-\$ or | | | | |
| | | | US-7076760-\$ or US-5241652-\$ or | | | • | |
| | | | US-6145120-\$ or US-5228117-\$ or | | | | |
| | | | US-5301260-\$ or US-5353385-\$ or | | | | |
| | | | l | | | | |
| | | | US-5359701-\$ or US-5506938-\$ or | | · | | |
| | | | US-5517642-\$ or US-5615360-\$ or | | | | |
| | | | US-5615309-\$ or US-5926804-\$ or | | | | |
| | | | US-5485550-\$ or US-4882691-\$ or | | | | |
| | | | US-5463552-\$ or US-5596752-\$ or | | | | |
| | |] | US-6311173-\$ or US-5191638-\$ or | • | | | |
| | | | US-5259066-\$ or US-5452226-\$ or | | | | · |
| | | | US-5479580-\$ or US-5497489-\$ or | | | | |
| | | | US-5602966-\$ or US-5966126-\$ or | i | | | |
| | | | US-6326962-\$).did. or (US-5600726-\$ | | | | |
| | | | or US-5893084-\$ or US-4951225-\$ or | | | | |
| | | | US-5524176-\$ or US-5649066-\$ or | | | | |
| | | | US-5740322-\$ or US-5398300-\$ or | • | | | , |
| | | | US-6483808-\$ or US-4437184-\$ or | | | | |
| | | | US-5463768-\$ or US-5487130-\$ or | | i | | |
| | | | US-6006181-\$ or US-6081212-\$ or | | | | |
| | | | US-6292830-\$ or US-6449650-\$ or | | | | |
| | | | US-6456991-\$ or US-6564198-\$ or | | | i | |
| | • | | US-6584470-\$ or US-4890240-\$ or | | | | |
| | | [| US-5265065-\$ or US-5418948-\$ or | | | | |
| | | | | | | | |
| | | | US-5515454-\$ or US-5794050-\$ or | : | | | |
| | | | US-5796621-\$ or US-5884294-\$ or | | İ | | |
| | | | US-5434972-\$ or US-5371807-\$).did. | | | | |
| | | | or (US-5230061-\$ or US-6085201-\$ or | | | | |
| 1 | | | US-5239616-\$ or US-5845269-\$ or | | | | |
| | | | US-6078911-\$ or US-4613940-\$ or | | | | |
| | | | US-5615303-\$ or US-5640497-\$ or | | | | |
| | | | US-5724573-\$ or US-5740085-\$ or | | | | |
| | | | US-5818734-\$ or US-6014664-\$ or | | · | | |
| | | | US-6061682-\$ or US-6240329-\$ or | | | | |
| | | | US-6801883-\$ or US-6847957-\$ or | | | | |
| ı | | | US-6535864-\$ or US-4893255-\$ or | | | | |
| - | | | US-6289329-\$ or US-4965882-\$ or | | | | |
| | | | US-5579441-\$ or US-6185583-\$ or | | | | |
| | | | US-4837735-\$ or US-6415275-\$ or | | | | |
| | | | US-6269353-\$ or US-4504924-\$ or | | | | |
| - | | | US-4988896-\$).did. or (US-5210486-\$ | | | | |
| - | | | or US-5377305-\$ or US-5683605-\$ or | | | | |
| | | | , , , | | | | |
| į | 2/16/200 | 07 6:43:59 PM | US-6026390-\$ or US-5787234-\$ or | | | | Page 2 |
| | | 0885.wsp | US-5687290-\$ or US-5875284-\$ or | | j | | -3- |
| | | | US-6266656-\$ or US-5241620-\$ or | İ | | | |
| _ 1 | | · | 117-7 1467XII-4 OF 117-5416XXX-4 OF | ' | | | l |

| S3 | 5492 | rete | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/19 14:55 |
|-----|--------|---------------------------|------------------------------|----|-----|------------------|
| S4 | 28948 | boolean | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/19 15:01 |
| S5 | 80 | S3 and S4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/19 16:15 |
| S6 | 5 | S5 and S2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/19 16:12 |
| S7 | 6972 | "706"/.clas. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/19 15:10 |
| S11 | 336115 | rule or rules | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:20 |
| S13 | 1 | "20040015463" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/19 16:04 |
| S14 | 905 | tranduce or tranducers | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:16 |
| S15 | 38372 | logic adj (gate or gates) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:18 |
| S16 | 38 | S2 and S3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 12:01 |
| S18 | 102 | 706/2.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 12:01 |
| S20 | 155 | 706/48.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 12:01 |
| S21 | 689 | 706/25.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 12:04 |
| S22 | 598 | 706/900.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 12:04 |
| S23 | 494 | 706/47.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 14:24 |

| S24 | 1306617 | (transducer or transducers)linked by logic gates | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 14:26 |
|-----|---------|--|------------------------------|------|-----|------------------|
| S25 | 4 | ((transducer or transducers) adj3 (link or links or linked or linking)) adj3 (gate or gates) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 15:31 |
| S26 | 6 | (hardware near5 software) and (tranducer and gate) | US-PGPUB; USPAT; USOCR | OR . | OFF | 2006/07/20 15:12 |
| S27 | 5 | ((transducer or transducers) adj3 (link or links or linked or linking)) adj5 (gate or gates) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 15:38 |
| S28 | 5 | ((transducer or transducers) adj3 (link or links or linked or linking)) adj5 (gate or gates) and (transducer or transducers) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 16:17 |
| S29 | 3686 | (activate or activating or activated) near2 (link or links) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 16:18 |
| S30 | . 10 | ruleml | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 17:52 |
| S31 | 2 | jsr adj "94" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 11:33 |
| S34 | 3720 | (group or groups or grouping or grouped or categories or categorized or category) near5 (transducer or transducers) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 17:54 |
| S35 | 2044 | (group or groups or grouping or grouped or categories or categorized or category) near2 (transducer or transducers) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 17:54 |
| S36 | 1164 | (group or groups or grouping or grouped or categories or categorized or category) near (transducer or transducers) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 14:05 |
| S37 | 272 | ((group or groups or grouping or grouped or categories or categorized or category) near (transducer or transducers)) and (gate or gates) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 17:55 |
| S38 | 29 | ((group or groups or grouping or grouped or categories or categorized or category) near (transducer or transducers)) and (gate or gates) and (rule or rules) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/20 17:55 |

| S39 | 6 | java adj2 rule adj2 engine | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 11:32 |
|-----|-------|--|------------------------------|------|-------|------------------|
| S40 | 2 | jsr adj2 "94" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 12:45 |
| S41 | 84 | ((remove or removes or removing or delete or deletes or deleting) near3 (redundancies)) and (boolean) | US-PGPUB; USPAT; USOCR | OR | OFF . | 2006/07/21 12:48 |
| S42 | 80 | ((remove or removes or removing or delete or deletes or deleting) near2 (redundancies)) and (boolean) | US-PGPUB; USPAT; USOCR | OR · | OFF | 2006/07/21 12:48 |
| S43 | 6 | (group or groups or grouping or grouped or categories or categorized or category) near (transducer or transducers) and boolean | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 14:38 |
| S44 | 9 | (group or groups or grouping or grouped or categories or categorized or category) near2 (transducer or transducers) and boolean | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 16:05 |
| S46 | 46 | (link adj2 (weight or weights)) and (boolean) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 16:20 |
| S47 | 14986 | true adj3 false | US-PGPUB; USPAT; USOCR | OR . | OFF | 2006/07/21 16:37 |
| S48 | 18 | (true adj3 false) and (passivating or passivates) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 16:38 |
| S49 | 5601 | (activate or activates or activated or activating) near3 (link or links) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:43 |
| S50 | 255 | ((activate or activates or activated or activating) near2 (link or links)) and boolean | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 18:13 |
| S51 | 136 | ((activate or activates or activated or activating) near2 (link or links)) and boolean and (rule or rules) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 18:13 |
| S52 | 3 | ((activate or activates or activated or activating) near2 (link or links)) and boolean and (rule or rules) and (tranducer or transducers or transduce) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/21 18:15 |

| S53 | 22 | ("6910033" or "6480814" or "6442584" or "6397370" or "6212668" or "5794178" or "5742772" or "5708798" or "5684994" or "5671404" or "5671361" or "5664228" or "5623492" or "5574911" or "5524082" or "5467343" or "5467268" or "5291399" or "5247634" or "4916627" or "4799254" or "4583169").pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/24 11:10 |
|-----|--------|--|------------------------------|------|-----|------------------|
| S57 | 751 | (relate or relates or related) adj (tranducer or transducers) | US-PGPUB; USPAT; USOCR | OR. | OFF | 2006/07/24 12:23 |
| S60 | 1311 | (group or groups or grouping) adj2 (transducer or transducers) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/24 12:25 |
| S61 | 11 | S57 and S60 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/24 12:25 |
| S62 | 932 | (tranduce or tranducers) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:19 |
| S63 | 59251 | (logic adj3 (gate or gates)) | US-PGPUB; USPAT; USOCR | OR . | OFF | 2007/02/15 15:18 |
| S64 | 650329 | ((logic adj3 (gate or gates)) or (gate or gates)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:18 |
| S65 | 180 | (tranduce or tranducers) and ((logic adj3 (gate or gates)) or (gate or gates)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:19 |
| S66 | 109490 | (transduce or transducers) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:20 |
| S67 | 16869 | (transduce or transducers) and ((logic adj3 (gate or gates)) or (gate or gates)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:53 |
| S68 | 362454 | (rule or rules) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:20 |
| S69 | 1590 | (transduce or transducers) and ((logic adj3 (gate or gates)) or (gate or gates)) and (rule or rules) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:50 |
| S70 | 545 | 706/47.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:42 |
| S71 | 598 | 706/900.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:42 |

| S72 | 704 | 706/25.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:42 |
|-----|-------|--|------------------------------|------|-----|------------------|
| S73 | 168 | 706/48.ccls. | US-PGPUB; USPAT; USOCR | OR . | OFF | 2007/02/15 15:43 |
| S74 | 105 | 706/2.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:43 |
| S75 | 6236 | ((activate or activates or activated or activating or activiation or passivated or passivating or passivation) near3 (link or links)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:50 |
| S76 | 7327 | ((activate or activates or activated or activating or activiation or passivated or passivating or passivation) near3 (link or links or connections)) | US-PGPUB; USPAT; USOCR | OR . | OFF | 2007/02/15 15:50 |
| S77 | 18 | (transduce or transducers) and ((logic adj3 (gate or gates)) or (gate or gates)) and (rule or rules) and ((activate or activates or activated or activating or activition or passivated or passivating or passivation) near3 (link or links or connections)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:52 |
| S78 | 761 | ((boolean) near3 (rule or rules)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:53 |
| S79 | 1066 | ((boolean) near5 (rule or rules)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 15:53 |
| S80 | 12 | (transduce or transducers) and ((logic adj3 (gate or gates)) or (gate or gates)) and ((boolean) near5 (rule or rules)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 16:04 |
| S81 | 10980 | (boolean and ((logic adj3 (gate or gates))) or (gate or gates))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 16:04 |
| S82 | 136 | (boolean and ((logic adj3 (gate or gates)) or (gate or gates)) and (transduce or transducers) and (rule or rules)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/15 17:16 |